**Registration Form having following fields:-**

1. UserName
2. Email Id
3. Password
4. PhoneNumber

**— Required fields are:**1. EmailId  
2. UserName  
3. Password

**— Validation for fields:**1. Email  
2. Password: It should have alphanumeric, Length should be 8 to 32  
3. PhoneNumber: Phone Number should have only Numbers, Country code is required

**— After successful Verification email should send to the user**

* Username , password and email ID are mandatory fields
* The limit of Uasename should be 8-13 characters (alphanumeric ).
* The limit of Password should be 8-13 characters (alphanumeric ).
* PhoneNumber: Phone Number should have only Numbers

Rules for valid :-Indian mobile number

The number should contain 10 or 11 or 12 digits.

If it contains 10 digits, then first digit should be 7 or 8 or 9.

If it contains 11 digits, then first digit should be 0 and second rule followed.

* If it contains 12 digits, then first two digits should be 91 and second rule followed .

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| Sr. No. | Test Cases | Feature | Description | Steps To Execute | Test Data/Input | Expected Results |
| 3 | TC-003 | Required fields | Check the required fields by filling the data | 1. Enter valid values in required fields | Nil | 1. User should be register successfully 2. A successful registration message should show 3. Mail should send to the user |
| 4 | TC-004 | Optional fields | Check all the optional field when do not fill data | 1. Do not enter any detail in optional fields 2. Enter valid data in required fields 3. Click on Signup button | Nil | 1. It should not ask to fill the optional fields 2. User should be register successfully 3. A successful registration message should show 4. Mail should send to the user |
| 5 | TC-005 | Optional fields | Check all the optional field when fill data | 1. Enter valid data in optional fields 2. Enter valid data in required fields 3. Click on Signup button | Nil | 1. User should be register successfully 2. A successful registration message should show 3. Mail should send to the user |
| 6 | TC-006 | Email validation | — Check the Email text field that has Email address without @ symbol. — Check the Email text field that has random string instead of real email. — Check the Email text field that has @ symbol written in words. — Check the Email text field that has missing dot in the email address. | 1. Enter Invalid Emails | 1. testAtgmail.com 2. test@gmailcom 3. test@gmail 4. @gmail | It should show the validation message for valid email |
| 7 | TC-007 | Email validation | Check all the valid emails | 1. Enter Valid Emails 2. Click on Signup Button | 1. test@192.168.1.1.0 2. test@gmail.com | It should not show any validation message |
| 8 | TC-008 | Phone Number validation | Check the phone number when pass alphanumeric data | 1. Enter alphanumeric data in phone field | 1. dada5$7567#7 | It should show the validation message for Phone Number |
| 9 | TC-009 | Phone Number validation | Check the phone number when not pass country code | 1. Enter valid phone number without country code | 1. 9012078654 | It should show the validation message for country code is required |
| 10 | TC-010 | Phone Number validation | Check the phone number when pass country code | 1. Enter valid phone number with country code | 1. +9190112244 | It should not show any validation message |
| 11 | TC-011 | Password validation | Check the password limit when enter value less than min | 1. Enter value which is alphanumeric but less than 8 | 1. Passwo | It should show validation message |
| 12 | TC-012 | Password validation | Check the password limit when enter value greater than max | 1. Enter value which is alphanumeric but less more than 32 | 1. redhatisgood434adasdasdasd3243dsadadsad432423 | It should show validation message |
| 13 | TC-013 | Password validation | Check the password when pass only numbers | 1. Enter value in numbers which is in between 8-32 | 1. 12345678 | It should show validation message |
| 14 | TC-014 | Password validation | Check the password when pass valid data | 1. Enter value in alphanumeric which is in between 8-32 | 1. Pass1234 |  |